



Georgetown Charter Township

1515 Baldwin St., Jenison, MI 49428

Utilities Committee Meeting Agenda

February 8, 2016 after Township Board Meeting

1. Call To Order
2. Roll Call
3. Approval Of The Minutes Of The Previous Meeting
4. Unfinished Business -Request For Reimbursement For Cory Estates No. 4

Motion: to the request for reimbursement of \$50,020 (for water main oversizing, sanitary sewer oversizing, laterals and sewer main) for Cory Estates No. 4 and to the request to enter into a payback agreement for the sanitary sewer and water main on the south side of VanBuren St.

Documents: [CORY 4 REIMBURSEMENT REQUEST.PDF](#)

5. Prohibited Sanitary Sewer Discharge Surcharges

Motion: To recommend to the Township Board approve the following resolution

WHEREAS, the Township of Georgetown believes that it is in the best interest of the Township to establish new surcharge rates for discharges that exceed the established discharge prohibitions, limitations and requirements.

NOW IT THEREFORE IS RESOLVED that the surcharge rates for sanitary sewer discharges that exceed the allowable limitations the following fees shall be charged to the person or entity conducting the unallowable discharging:

1. BOD (Biochemical Oxygen demand) shall be set at \$.28 per pound; and
2. Grease and oil shall be set at \$.05 per pound; and
3. Phosphorous shall be set at \$.95 per pound; and
4. Suspended solids shall be set at \$.19 per pound.

Yeas:

Nays:

6. Cedar Valley Request For Additional Payment

Motion: To recommend to the Township Board to _____ the request for additional payment of \$4,770.75 (item #5) from Cedar Valley Associates for additional work required for sewer installation.

Documents: [REQUEST FROM CEDAR VALLEY.PDF](#)

7. Green Acres Drainage District

Motion: To recommend to the Township Board to approve the following:

The resolution for the application for laying out and designating a drainage district.

The resolution for the petition for locating, establishing and construction a drain.

Documents: [APPLICATION FOR DRAINAGE DISTRICT- MUNICIPALITY.PDF](#), [PETITION.PDF](#), [RESOLUTION APPLICATION.PDF](#), [RESOLUTION PETITION.PDF](#), [MAP.PDF](#)

8. Discuss Sidewalk Plowing Routes

Documents: [POLICY 2009-02.PDF](#)

9. Sidewalk Installation

Discuss options:

- a. Property owners may petition for a special assessment for the project.
- b. Property owners may petition for a special assessment for the project with the Township to pay a percentage.
- c. Property owner agrees to an assessment and hires an approved contractor who bills the Township and the Township collects the assessment from the property owner over a ten year period at 6% interest.
- d. The Township installs the sidewalk and the property owner is billed at large (everyone pays; people who install their own pay twice).
- e. Installation shall be by the property own at the sole cost of the property owner.
- f. If the Township needs right-of-way on the street, the determined amount of right-of-way is deeded to the Township/Ottawa County Road Commission and the Township pays for the installation.

Documents: [SIDEWALK ORDINANCE.PDF](#), [POLICY 2016-01.PDF](#)

10. Communications, Letters And Reports
11. Public Comment
12. Other Business



December 17, 2015

Mr. Dan Carlton
 Georgetown Township
 1515 Baldwin
 P.O. Box 769
 Jenison, MI 49429-0769

Re: **Cory Estates No. 4**

Dear Dan:

As a follow up to my December 17, 2013 letter, I am requesting you present this request to the Water and Sewer Committee at their January meeting to reimburse the developer at this time the full amount of \$50,020.

	<u>Qty.</u>	<u>Unit</u>	<u>Cost</u>	<u>Total</u>
1. Watermain oversizing in Van Buren Street (material cost only)				
12" to 8" main	1040	l.f.	\$16.50 - 7.80	\$9,048.00
12"x 8" tee to 8" x 8" tee	1	ea.	\$601.00 - 368.00	\$233.00
12" x 6" tee to 8" x 6" tee	2	ea.	\$581.00 - 323.00	\$516.00
12"x 8" reducer	1	ea.	\$326.00	\$326.00
				\$10,123.00
2. Sanitary sewer oversizing in Van Buren Street (material cost only)				
12" to 8" main	1114	l.f.	\$11.30 - 5.05	\$6,962.50
12" x 6" size to 8" x 6" size	8	ea.	\$163.00 - 55.00	\$864.00
10" to 8" main	184	l.f.	\$7.90 - 5.05	\$524.50
				\$8,351.00
3. Sanitary sewer lateral to parcels 100-012 and 100-035				
6" lateral (directional bored 93 l.f.)	1	ea.	\$4,500.00	\$4,500.00
10" x 6" wye	1	ea.	\$235.00	\$235.00
12" x 6" wye	1	ea.	\$275.00	\$275.00
6" lateral (open cut)	93	l.f.	\$18.00	\$1,674.00
Street restoration	1	ea.	\$8,000.00	\$8,000.00
Property line risers	2	ea.	\$65.00	\$130.00
				\$14,814.00
4. Sanitary sewer main (8") to South side Van Buren Street at Cory Drive				
8" sanitary sewer	93	l.f.	\$45.00	\$4,185.00
street restoration	1	ea.	\$8,000.00	\$8,000.00
				\$12,185.00

Mr. Dan Carlton
Georgetown Township
Page 2

Subtotal	\$45,473.00
10% Engineering	<u>\$4,547.00</u>
Grand Total	\$50,020.00

Also, I am requesting the Township enter into a payback agreement for the sanitary sewer and watermain on the South side of Van Buren Street. Please let me know who prepares this document.

Please let me know when the Water and Sewer meeting would occur so we can attend.

If you have any questions, please feel free to contact me.

Sincerely,


Douglas J. Stalsonburg, P.E.

cc: John F. Koetje
John Lee Koetje



December 16, 2015

Mr. Dan Carlton
Georgetown Township
1515 Baldwin Street
P.O. Box 769
Jenison, MI 49429-0769

Re: Cedar Lake Drive – Lift Station Removal
Final Pay Request – Cost sharing

Dear Dan:

Cedar Valley Associates, Inc. has completed the work on this project and is entitled to a payment in full at this time. This payment request is based on the "as-built" quantities listed on the enclosed items list.

Summary

- TOTAL TO DATE	\$302,777.41
- Less Previous Payments	\$176,847.19
- GRAND TOTAL TO DATE - Final Due	\$125,930.22

592-000-154.000

OC
\$ 121,159.47

We recommend you pay Cedar Valley Associates, Inc. the Grand Total to Date, or **\$125,930.22**, at this time.

There are three (3) items that varied from the original approved agreement.

- Item #6, Cross Country Sewer, additional silt fence was required by the OCWRC during construction, adding \$690.00.
- Item #4(a), Cedar Lake Drive Sewer Items, 1½" Bituminous top course, OCRC required a small additional area to be resurfaced based on the existing condition of the roadway near the lift station, adding \$491.40.
- Item #5, Cedar Lake Drive Sewer Items - Replace existing concrete drives, due to depth of sanitary trench and dewatering configuration, 3 driveway approaches on the south side were required to be replaced, adding \$4,770.75.

If you have any questions, please feel free to call.

Sincerely,

Todd R. Stuve, P.E.
tstuive@exxelengineering.com

Enclosures

cc: Ms. Denise Decker, Cedar Valley Associates, Inc.
Q101349E – (Sec. 3-6-13)

CEDAR LAKE DRIVE LIFT STATION REMOVAL

Cost Sharing Proposal

Final Pay Request 12/16/2015

	Qty.	Unit	Contract Unit Price	Completed Quantity	Total to Date
<u>Cross Country Sewer Items</u>					
1. 10" Sanitary SDR 26	790	l.ft.	\$199.33	790	\$157,470.00
2. 4' Sanitary manhole to 10'	2	ea.	\$3,063.92	2	\$6,127.84
3. 4' Sanitary manhole over 10'	10	v.ft.	\$25.00	10	\$250.00
4. Tree clearing (40' wide +/-)	790	l.ft.	\$3.96	790	\$3,128.40
5. Restoration over sewer	790	l.ft.	\$7.99	790	\$6,312.10
6. Soil erosion control (silt fence)	790	l.ft.	\$1.15	1390	\$1,598.50
Subtotal Offsite Sewer Items			\$174,196.84		\$174,886.84
 <u>Cedar Lake Drive Sewer Items</u>					
1. Signage	1	L.S.	\$7,677.00	1	\$7,677.00
2. Remove existing black top	1100	s.yd.	\$2.43	1100	\$2,673.00
3. 6" Gravel base 22A (CIP)	1165	s.yd.	\$4.57	1165	\$5,324.05
4. Paving					
a) 1½" Bituminous MDOT 13A top course	1025	s.yd.	\$6.30	1103	\$6,948.90
b) 1½" Bituminous MDOT 13A leveling course	1025	s.yd.	\$6.30	1025	\$6,457.50
5. Saw-cut and replace concrete drive approach	1	LS	\$4,237.00	1	\$4,237.00
6. 24" Rolled curb & gutter	70	l.ft.	\$13.00	76	\$988.00
7. Right of way restoration	500	l.ft.	\$5.49	500	\$2,745.00
8. Replace existing storm manhole with 4' storm MH	1	ea.	\$2,511.05	1	\$2,511.05
9. Replace existing 12" storm	240	l.ft.	\$20.51	250	\$5,127.50
10. Remove 8" sanitary sewer	285	l.ft.	\$4.47	285	\$1,273.95
11. 8" Sanitary, SDR 26	225	l.ft.	\$164.06	225	\$36,913.50
12. 4' sanitary manhole to 10'	1	ea.	\$3,134.46	1	\$3,134.46
13. 4' sanitary manhole over 10'	8	v.ft.	\$25.00	8	\$200.00
14. Remove existing valve chamber	1	L.S.	\$5,300.00	1	\$5,300.00
15. Modify existing flow channels in manhole at Sta. 1 + 37	1	L.S.	\$450.00	1	\$450.00
16. Temporary pumping	1	L.S.	\$6,200.00	1	\$6,200.00
17. Reconnect existing laterals	3	ea.	\$180.00	3	\$540.00
18. Lift station decommission	1	L.S.	\$6,650.00	1	\$6,650.00
19. Irrigation repair	1	L.S.	\$1,000.00	1	\$1,000.00
Extra - Concrete Driveway replacements	3	L.S.	\$1,590.25	3	\$4,770.75
Subtotal Cedar Lake Drive Sewer Items			\$105,576.41		\$111,121.66
 <u>Oversizing (based on suppliers pipe cost)</u>					
1. 8" to 10" Sanitary (SDR26)	1685	l.ft.	\$1.65	1685	\$2,780.25
Engineering and Surveying (5% of 279, 773.25)	1	L.S.	\$13,988.66	1	\$13,988.66
TOTAL TO DATE					\$302,777.41
Less Previously Paid					-\$176,847.19
Grand Total to Date - Final Due					<u>\$125,930.22</u>

CEDAR LAKE DRIVE LIFT STATION REMOVAL

Cost Sharing Proposal

Final Pay Request 12/16/2015

			Contract	As-Built Completed	Total to
<u>Cross Country Sewer Items</u>	Qty.	Unit	<u>Unit Price</u>	<u>Quantity</u>	<u>Date</u>
1. 10" Sanitary SDR 26	790	l.ft.	\$199.33	790	\$157,470.00
2. 4' Sanitary manhole to 10'	2	ea.	\$3,063.92	2	\$6,127.84
3. 4' Sanitary manhole over 10'	10	v.ft.	\$25.00	10	\$250.00
4. Tree clearing (40' wide +/-)	790	l.ft.	\$3.96	790	\$3,128.40
5. Restoration over sewer	790	l.ft.	\$7.99	790	\$6,312.10
6. Soil erosion control (silt fence)	790	l.ft.	\$1.15	1390	\$1,598.50
Subtotal Offsite Sewer Items			\$174,196.84		\$174,886.84
<u>Cedar Lake Drive Sewer Items</u>					
1. Signage	1	L.S.	\$7,677.00	1	\$7,677.00
2. Remove existing black top	1100	s.yd.	\$2.43	1100	\$2,673.00
3. 6" Gravel base 22A (CIP)	1165	s.yd.	\$4.57	1165	\$5,324.05
4. Paving					
a) 1½" Bituminous MDOT 13A top course	1025	s.yd.	\$6.30	1103	\$6,948.90
b) 1½" Bituminous MDOT 13A leveling course	1025	s.yd.	\$6.30	1025	\$6,457.50
5. Saw-cut and replace concrete drive approach	1	LS	\$4,237.00	1	\$4,237.00
6. 24" Rolled curb & gutter	70	l.ft.	\$13.00	76	\$988.00
7. Right of way restoration	500	l.ft.	\$5.49	500	\$2,745.00
8. Replace existing storm manhole with 4' storm MH	1	ea.	\$2,511.05	1	\$2,511.05
9. Replace existing 12" storm	240	l.ft.	\$20.51	250	\$5,127.50
10. Remove 8" sanitary sewer	285	l.ft.	\$4.47	285	\$1,273.95
11. 8" Sanitary, SDR 26	225	l.ft.	\$164.06	225	\$36,913.50
12. 4' sanitary manhole to 10'	1	ea.	\$3,134.46	1	\$3,134.46
13. 4' sanitary manhole over 10'	8	v.ft.	\$25.00	8	\$200.00
14. Remove existing valve chamber	1	L.S.	\$5,300.00	1	\$5,300.00
15. Modify existing flow channels in manhole at Sta. 1 + 37	1	L.S.	\$450.00	1	\$450.00
16. Temporary pumping	1	L.S.	\$6,200.00	1	\$6,200.00
17. Reconnect existing laterals	3	ea.	\$180.00	3	\$540.00
18. Lift station decommission	1	L.S.	\$6,650.00	1	\$6,650.00
19. Irrigation repair	1	L.S.	\$1,000.00	1	\$1,000.00
Extra - Concrete Driveway replacements	3	L.S.	\$1,590.25	3	\$4,770.75
Subtotal Cedar Lake Drive Sewer Items			\$105,576.41		\$111,121.66
<u>Oversizing (based on suppliers pipe cost)</u>					
1. 8" to 10" Sanitary (SDR26)	1685	l.ft.	\$1.65	1685	\$2,780.25
Engineering and Surveying (5% of 279, 773.25)	1	L.S.	\$13,988.66	1	\$13,988.66
TOTAL TO DATE					\$302,777.41
Less Previously Paid					-\$176,847.19
Grand Total to Date - Final Due					<u>\$125,930.22</u>

COPY

Cedar Lake Drive Lift Station Removal

Cost Sharing Proposal

Proposal

Cedar Valley Associates will include the sewer project in with the Phase #12 Plat. The project will have a competitive bid, which should yield the best possible pricing.

Cedar Valley Associates (CVA)

(CVA) will pay for the Fillmore street open cut and connection to the manhole and the first 350 feet of offsite sewer, less over-sizing. This is equal to the expense that would be incurred if CVA tied into the sewer in Fillmore directly north of the proposed cul-de-sac.

Georgetown Township

The township will pay the following:

Balance of the offsite sanitary to Fillmore west of the proposed roadway. Allowance for over-sizing from 8" to 10" sewer pipe. Reconstruction of the 8" sewer for Cedar Lake Drive from the lift station to Norman Drive, including roadway and storm sewer restoration as necessary. Decommissioning and removal of the lift station. 5% engineering fees based on the cost of off-site sewer and Cedar Lake Drive items only. Cost will be based on low bid contract amounts with final payment made upon acceptance of the sewer into service.

Township costs are computed based on low bid amounts.

Table with 5 columns: Offsite Sewer Items, Qty, Unit, Unit Price, Amount. Rows include 10" Sanitary sewer, 4' Sanitary manhole, Tree clearing, Restoration over sewer, Soil erosion control, and Subtotal.

Cedar Lake Drive Sewer

Table with 5 columns: Cedar Lake Drive Sewer items, Qty, Unit, Unit Price, Amount. Rows include Signage, Remove existing black top, 6" gravel base, Paving (sub-rows), Saw-cut, 24" rolled curb, Right of way restoration, Replace existing storm MH, Replace existing 12" storm, Remove 8" sanitary sewer, 8" sanitary, 4' sanitary manhole to 10', and 4' sanitary manhole over 10'.



September 2, 2015

Mr. Dan Carlton
Georgetown Township
1515 Baldwin Street
P.O. Box 769
Jenison, MI 49429-0769

COPY

Re: Cedar Lake Drive – Lift Station Removal
Partial Pay Request – Cost sharing

Dear Dan:

Cedar Valley Associates, Inc. has completed work on this project and is requesting a partial payment at this time. This payment request is based on the quantities listed on the enclosed items list. There will be a second and final payment request at the completion of the project based on "as-built" measurements at that time.

Summary

- TOTAL TO DATE **\$176,847.19**

We recommend you pay Cedar Valley Associates, Inc. the Total to Date, or **\$176,847.19**, at this time. Also enclosed for your reference, is the approved cost sharing agreement and the contractor's pay request identifying the work that has been completed to date on the project.

If you have any questions, please feel free to call.

Sincerely,

Todd R. Stuve, P.E.
tstuve@exxelengineering.com

Enclosures

cc: Ms. Denise Decker, Cedar Valley Associates, Inc.

TRS/sv
Q101349E – (Sec. 3-6-13)

**CEDAR LAKE DRIVE LIFT STATION REMOVAL
Cost Sharing Proposal**

Partial Pay Request

9/3/2015

	Qty.	Unit	Contract Unit Price	Completed Quantity	Total to Date
<u>Cross Country Sewer Items</u>					
1. 10" Sanitary SDR 26	790	l.ft.	\$199.33	790	\$157,470.00
2. 4' Sanitary manhole to 10'	2	ea.	\$3,063.92	2	\$6,127.84
3. 4' Sanitary manhole over 10'	10	v.ft.	\$25.00	10	\$250.00
4. Tree clearing (40' wide +/-)	790	l.ft.	\$3.96	790	\$3,128.40
5. Restoration over sewer	790	l.ft.	\$7.99	0	\$0.00
6. Soil erosion control (silt fence)	790	l.ft.	\$1.15	790	\$908.50
Subtotal Offsite Sewer Items			\$174,196.84		\$167,884.74
<u>Cedar Lake Drive Sewer Items</u>					
1. Signage	1	L.S.	\$7,677.00	0	\$0.00
2. Remove existing black top	1100	s.yd.	\$2.43	0	\$0.00
3. 6" Gravel base 22A (CIP)	1165	s.yd.	\$4.57	0	\$0.00
4. Paving					
a) 1½" Bituminous MDOT 13A top course	1025	s.yd.	\$6.30	0	\$0.00
b) 1½" Bituminous MDOT 13A leveling course	1025	s.yd.	\$6.30	0	\$0.00
5. Saw-cut and replace concrete drive approach	1	LS	\$4,237.00	0	\$0.00
6. 24" Rolled curb & gutter	70	l.ft.	\$13.00	0	\$0.00
7. Right of way restoration	500	l.ft.	\$5.49	0	\$0.00
8. Replace existing storm manhole with 4' storm MH	1	ea.	\$2,511.05	0	\$0.00
9. Replace existing 12" storm	240	l.ft.	\$20.51	0	\$0.00
10. Remove 8" sanitary sewer	285	l.ft.	\$4.47	0	\$0.00
11. 8" Sanitary, SDR 26	225	l.ft.	\$164.06	0	\$0.00
12. 4' sanitary manhole to 10'	1	ea.	\$3,134.46	0	\$0.00
13. 4' sanitary manhole over 10'	8	v.ft.	\$25.00	0	\$0.00
14. Remove existing valve chamber	1	L.S.	\$5,300.00	0	\$0.00
15. Modify existing flow channels in manhole at Sta. 1 + 37	1	L.S.	\$450.00	0	\$0.00
16. Temporary pumping	1	L.S.	\$6,200.00	0	\$0.00
17. Reconnect existing laterals	3	ea.	\$180.00	0	\$0.00
18. Lift station decommission	1	L.S.	\$6,650.00	0	\$0.00
19. Irrigation repair	1	L.S.	\$1,000.00	0	\$0.00
Subtotal Cedar Lake Drive Sewer Items			\$105,576.41		\$0.00
<u>Oversizing (based on suppliers pipe cost)</u>					
1. 8" to 10" Sanitary (SDR26)	1685	l.ft.	\$1.65	345	\$569.25
Engineering and Surveying (5% of 279, 773.25)	1	L.S.	\$13,988.66	0.60	\$8,393.20

GRAND TOTAL TO DATE

\$176,847.19



December 3, 2015

Ms. Denise Decker
Cedar Valley Associates, Inc.
8879 – 24th Avenue
Jenison, MI 49428

COPY

Re: Cedar Lake No. 12
Partial Payment No. 4

Dear Denise:

West Michigan Dirtworks has completed work on this project and is entitled to a partial payment at this time. This payment request is based on the quantities listed on the enclosed items list. Quantities will be adjusted at the completion of the project based on "as-built" measurements at that time.

Summary

GRAND TOTAL TO DATE	\$1,194,582.14
95% of GRAND TOTAL TO DATE	\$1,134,853.65
Previous Payment	<u>\$1,062,570.87</u>
BALANCE DUE	\$72,282.16

We recommend you pay West Michigan Dirtworks 95% of the Grand Total to Date, or **\$72,282.16**, at this time.

If you have any questions, please feel free to call.

Sincerely,

Al Talsma

Enclosure

cc: Rob Lyttle, West Michigan Dirtworks

Q101349E – (Sec. 3-6-13)

CEDAR LAKE No. 12

Partial Pay Request No. 4

12/3/2015

<u>Improvement Items</u>	<u>Qty.</u>	<u>Unit</u>	<u>Contract Unit Price</u>	<u>Completed Quantity</u>	<u>Total to Date</u>
1. Tree clearing	2.3	ac.	\$4,110.00	2.3	\$9,453.00
2. Brush clearing	3	ac.	\$1,500.00	3	\$4,500.00
3. Top soil stripping	14,420	c.yd.	\$2.63	14420	\$37,924.60
4. Haul off & dispose of existing dirt pile	12960	c.yd.	\$6.10	3300	\$20,130.00
5. Site grading (Based on cut)	21410	c.yd.	\$2.37	21410	\$50,741.70
6. Paving					
a) 1½" Bituminous MDOT 13A top course	5235	s.yd.	\$6.30	0	\$0.00
b) 1½" Bituminous MDOT 13A leveling course	5235	s.yd.	\$6.30	5235	\$32,980.50
7. 6" Gravel 22A (CIP)	5965	s.yd.	\$4.71	5965	\$28,095.15
8. 24" Rolled curb & gutter	255	l.ft.	\$13.00	249	\$3,237.00
9. Topsoil respread	14420	c.yd.	\$2.97	14420	\$42,812.98
10. Seeding (200 lbs. per acre)	11	ac.	\$425.68	0	\$0.00
11. Saw-cut roadway & restore pavement (Victor Ave.)	1	L.S.	\$4,657.00	1	\$4,657.00
12. Private utility crossing					
a) 4" Sch. 40 grey electrical conduit	1050	l.ft.	\$3.50	720	\$2,520.00
b) Excavate trench for utility crossing	350	l.ft.	\$3.00	240	\$720.00
13. Place wooden guard post	14	ea.	\$110.00	0	\$0.00
14. 5' Concrete sidewalk	315	l.ft.	\$13.75	0	\$0.00
15. Soil Erosion control					
a) Silt fence	635	l.ft.	\$1.15	220	\$253.00
b) Silt sack	6	ea.	\$75.00	6	\$450.00
16. Concrete driveway approach at #9119 Victor Ave.	1	LS	\$1,590.25	0	\$0.00
Subtotal Improvement Items			\$344,565.66		\$238,474.93

Storm Sewer Items

1. Remove 12" storm, Norman Drive	40	l.ft.	\$9.63	40	\$385.20
2. 36" Storm Sewer (C-76-III) Premium Joint	364	l.ft.	\$85.73	364	\$31,205.72
3. 36" Storm Sewer (C-76-III)	54	l.ft.	\$59.87	54	\$3,232.98
4. 36" Storm Sewer (SLCPP)	78	l.ft.	\$49.55	78	\$3,864.90
5. 30" Storm Sewer (C-76-III) Premium Joint	332	l.ft.	\$65.18	332	\$21,639.76
6. 30" Storm Sewer (C-76-III)	14	l.ft.	\$61.80	14	\$865.20
7. 30" Storm Sewer (SLCPP)	636	l.ft.	\$50.57	636	\$32,162.52
8. 18" Storm Sewer (SLCPP)	281	l.ft.	\$55.38	281	\$15,561.78
9. 15" Storm Sewer (C-76-III)	98	l.ft.	\$32.78	98	\$3,212.44
10. 12" Storm Sewer (C-76-III) Premium Joint	159	l.ft.	\$28.37	159	\$4,510.83
11. 12" Storm Sewer (C-76-III)	65	l.ft.	\$36.04	65	\$2,342.60
12. 12" Storm Sewer (SLCPP)	211	l.ft.	\$20.10	211	\$4,241.10

CEDAR LAKE No. 12

Pay Request

Page 2

	Qty.	Unit	Contract Unit Price	Completed Quantity	Total to Date
<u>Storm Sewer Items - cont.</u>					
13. 12" Catchbasin lead (C-76-IV)	138	l.ft.	\$30.65	138	\$4,229.70
14. 6" FDL PVC Schedule 40	660	l.ft.	\$12.39	660	\$8,177.40
15. 36" Concrete Flared End Section	1	ea.	\$1,882.90	1	\$1,882.90
16. 15" Concrete Flared End Section	1	ea.	\$565.00	1	\$565.00
17. 6"-8" Cobbles over Fabric	35	s.yd.	\$55.00	35	\$1,925.00
18. 6' Storm yard drain	2	ea.	\$3,909.39	2	\$7,818.78
19. 5' Storm yard drain	4	ea.	\$3,268.79	4	\$13,075.16
20. 4' Storm yard drain	5	ea.	\$2,277.69	5	\$11,388.45
21. 5' Storm manhole	2	ea.	\$3,292.94	2	\$6,585.88
22. 4' Storm manhole	3	ea.	\$2,197.09	3	\$6,591.27
23. 5' Catchbasin	1	ea.	\$3,496.58	1	\$3,496.58
24. 4' Catchbasin (Double)	5	ea.	\$2,648.44	5	\$13,242.20
25. 4' Catchbasin (Single)	1	ea.	\$3,262.22	1	\$3,262.22
26. 4' Leaching Basin	1	ea.	\$3,346.69	1	\$3,346.69
27. 6" x 6" Wye	1	ea.	\$26.68	1	\$26.68
28. 30" x 6" Tee	1	ea.	\$106.00	1	\$106.00
29. 18" x 6" Tee	1	ea.	\$225.00	1	\$225.00
30. 6" x 6" Tee	2	ea.	\$31.80	2	\$63.60
31. Flap gate	1	ea.	\$350.00	1	\$350.00
Subtotal Storm Sewer Items			\$209,583.54		\$209,583.54

Sanitary Sewer Items

1. 10" Sanitary SDR 26	1355	l.ft.	\$170.93	1355	\$231,610.15
2. 8" Sanitary SDR 26	245	l.ft.	\$36.97	245	\$9,057.65
3. 6" Sanitary lateral	1150	l.ft.	\$14.50	1150	\$16,675.00
4. Sanitary manhole to 10'	8	ea.	\$3,584.29	8	\$28,674.32
5. Sanitary manhole over 10'	90	v.ft.	\$25.00	90	\$2,250.00
6. 8" x 6" Wye	25	ea.	\$47.70	25	\$1,192.50
7. Property line riser	23	ea.	\$60.93	23	\$1,401.39
8. Main line riser	230	v.ft.	\$16.99	230	\$3,907.70
Subtotal Sanitary Sewer Items			\$294,768.71		\$294,768.71

Watermain Items

1. 8" Watermain C-900	1590	l.ft.	\$29.11	1590	\$46,284.90
2. 8" Valve and box	5	ea.	\$1,196.24	5	\$5,981.20
3. 8" x 8" Tee	2	ea.	\$417.64	2	\$835.28
4. 8" x 6" Tee	2	ea.	\$351.64	2	\$703.28

CEDAR LAKE No. 12

Pay Request

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	Qty.	Unit	Contract Unit Price	Completed Quantity	Total to Date
<u>Watermain Items</u>					
5. 8" x 6" Reducer	3	ea.	\$197.16	3	\$591.48
6. 8" Plug	1	ea.	\$154.76	0	\$0.00
7. 8" Sleeve	4	ea.	\$243.80	4	\$975.20
8. 6" Valve and box	4	ea.	\$892.13	4	\$3,568.52
9. 5" Hydrant with hookup	4	ea.	\$2,087.22	4	\$8,348.88
10. 6" Swivel 90° Bend	2	ea.	\$276.66	2	\$553.32
11. 1" Corporation curb stop & box with saddles	20	ea.	\$317.12	20	\$6,342.40
12. 1" Copper water service	730	l.ft.	\$13.69	730	\$9,993.70
Subtotal Watermain Items			\$84,332.92		\$84,178.16
<u>Cross Country Sewer Items</u>					
1. Signage	1	L.S.	\$2,950.00	1	\$2,950.00
2. 10" Sanitary SDR 26	1135	l.ft.	\$199.33	1135	\$226,239.55
3. 4' Sanitary manhole to 10'	2	ea.	\$3,063.92	2	\$6,127.84
4. 4' Sanitary manhole over 10'	11	v.ft.	\$25.00	11	\$275.00
5. Tree clearing (40' wide +/-)	1135	l.ft.	\$3.96	1135	\$4,494.60
6. Restoration over sewer	1135	l.ft.	\$7.99	1135	\$9,068.65
7. Soil erosion control (silt fence)	800	l.ft.	\$1.15	1390	\$1,598.50
8. Saw-cut roadway & restore pavement (Fillmore St.)	1	LS	\$5,201.00	1	\$5,201.00
Subtotal Cross Country Sewer Items			\$255,276.64		\$255,955.14
<u>Existing Cedar Lake Drive Items</u>					
1. Signage	1	L.S.	\$7,677.00	1	\$7,677.00
2. Remove existing black top	1100	s.yd.	\$2.43	1100	\$2,673.00
3. 6" Gravel base 22A (CIP)	1165	s.yd.	\$4.57	1165	\$5,324.05
4. Paving					
a) 1½" Bituminous MDOT 13A top course	1025	s.yd.	\$6.30	1103	\$6,948.90
b) 1½" Bituminous MDOT 13A leveling course	1025	s.yd.	\$6.30	1025	\$6,457.50
5. Saw-cut and replace concrete drive approach	1	LS	\$4,237.00	1	\$4,237.00
6. 24" Rolled curb & gutter	70	l.ft.	\$13.00	76	\$988.00
7. Right of way restoration	500	l.ft.	\$5.49	500	\$2,745.00
8. Replace existing storm manhole with 4' storm MH	1	ea.	\$2,511.05	1	\$2,511.05
9. Replace existing 12" storm	250	l.ft.	\$20.51	250	\$5,127.50
10. Remove 8" sanitary sewer	285	l.ft.	\$4.47	285	\$1,273.95
11. 8" Sanitary, SDR 26	225	l.ft.	\$164.06	225	\$36,913.50
12. 4' sanitary manhole to 10'	1	ea.	\$3,134.46	1	\$3,134.46

CEDAR LAKE No. 12

Pay Request

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<u>Existing Cedar Lake Drive Items - cont.</u>	<u>Qty.</u>	<u>Unit</u>	<u>Contract Unit Price</u>	<u>Completed Quantity</u>	<u>Total to Date</u>
13. 4' sanitary manhole over 10'	8	v.ft.	\$25.00	8	\$200.00
14. Remove existing valve chamber	1	L.S.	\$5,300.00	1	\$5,300.00
15. Modify existing flow channels in manhole at Sta. 1 + 37	1	L.S.	\$450.00	1	\$450.00
16. Temporary pumping	1	L.S.	\$6,200.00	1	\$6,200.00
17. Reconnect existing laterals	3	ea.	\$180.00	3	\$540.00
18. Lift station decommission	1	L.S.	\$6,650.00	1	\$6,650.00
19. Irrigation repair	1	L.S.	\$1,000.00	1	\$1,000.00
Subtotal Existing Cedar Lake Drive Items			\$105,781.51		\$106,350.91

GRAND TOTAL

\$1,189,311.39

Additions to Contract:

1. Remove & replace conc. drive approaches along existing Cedar Lake Drive. (Needed to remove to access sanitary trench due to depth of sanitary long Cedar Lake Drive.	3.00	L.S.	\$1,590.25	3	\$4,770.75
2. Removal of stumps & junk buried on Lots 187 & 188	1.00	L.S.	\$500.00	1	\$500.00
					\$5,270.75

Total including Additions

\$1,194,582.14

95%	=	\$1,134,853.03
Less Prev.	=	<u>-\$1,062,570.87</u>
Bal. Due	=	\$72,282.16

GEORGETOWN CHARTER TOWNSHIP

**APPLICATION FOR LAYING OUT AND DESIGNATING
A DRAINAGE DISTRICT**

GREEN ACRES DRAIN

To the Ottawa County Water Resources Commissioner:

The undersigned is Georgetown Charter Township, Ottawa County, Michigan. This application has been duly authorized by the governing body of Georgetown Charter Township and requests that the Green Acres Drain Drainage District be laid out and designated under the provisions of Act No. 40 of the Public Acts of 1956, as amended.

The proposed drainage district that will pay for the costs of the proposed drain is located in Georgetown Charter Township, Ottawa County, Michigan.

The proposed drain is necessary for the public health, convenience or welfare and is further necessary for the protection of the public health of Georgetown Charter Township.

Georgetown Charter Township understands that it will be liable for an assessment at large against it for a percentage of the cost of the proposed Green Acres Drain.

The tentative location of the proposed Green Acres Drain is per the construction plan on file with the Ottawa County Resources Commissioner.

Dated: _____, 2016

By: Daniel Carlton
Its: Township Manager

By: Richard VanderKlok
Its: Township Clerk

GEORGETOWN CHARTER TOWNSHIP

**PETITION FOR LOCATING, ESTABLISHING
AND CONSTRUCTING A DRAIN**

GREEN ACRES DRAIN

To the Ottawa County Water Resources Commissioner:

The undersigned is Georgetown Charter Township, Ottawa County, Michigan. This petition has been duly authorized by the governing body of Georgetown Charter Township and requests that the Green Acres Drain be located, established and constructed under the provisions of Act No. 40 of the Public Acts of 1956, as amended.

The proposed drain is located in Georgetown Charter Township, Ottawa County, Michigan.

The proposed drain is necessary for the public health, convenience or welfare and is further necessary for the protection of the public health of Georgetown Charter Township.

Georgetown Charter Township understands that it will be liable for an assessment at large against it for a percentage of the cost of the proposed drain.

The tentative location of the proposed Green Acres Drain is as described in the Order Laying Out and Designating the Green Acres Drain Drainage District on file with the Ottawa County Water Resources Commissioner.

Dated: _____, 2016

By: Daniel Carlton
Its: Township Manager

By: Richard VanderKlok
Its: Township Clerk

GEORGETOWN CHARTER TOWNSHIP

**RESOLUTION FOR
APPLICATION FOR LAYING OUT AND DESIGNATING A DRAINAGE DISTRICT**

GREEN ACRES DRAIN

At a _____ meeting of the Georgetown Charter Township Board, held in Ottawa County, State of Michigan on the ____ day of _____, 2016, at _____ a.m./p.m.

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____ and seconded by _____.

WHEREAS, the Green Acres Drain is a proposed county drain and the Green Acres Drain Drainage District is a proposed county drainage district to be located in Ottawa County, to be established pursuant to the Michigan Drain Code, Public Act 40 of 1956, as amended; and

WHEREAS, Georgetown Charter Township has determined that the laying out and designating of the Green Acres Drain Drainage District is necessary for the public health of Georgetown Charter Township; and

WHEREAS, Georgetown Charter Township recognizes that it will be liable for an assessment at large against it for a percentage of the cost of the proposed Green Acres Drain.

NOW, THEREFORE BE IT RESOLVED THAT, the Georgetown Charter Township Board does authorize the filing of an application with the Ottawa County Water Resources Commissioner for the laying out and designating of the Green Acres Drain Drainage District.

BE IT FURTHER RESOLVED THAT the Supervisor/Manager is authorized to execute the application for the laying out and designating of the Green Acres Drain Drainage District.

BE IT FURTHER RESOLVED that the Clerk shall forward to the Ottawa County Water Resources Commissioner a copy of this Resolution for the application for laying out and designating the Green Acres Drain Drainage District.

ADOPTED: YEAS: _____

NAYS: _____

The Resolution was declared and adopted.

GEORGETOWN CHARTER TOWNSHIP

Dated: _____

By: Daniel Carlton
Its: Township Manager

As Authorized by its governing body on
_____, 2016.

GEORGETOWN CHARTER TOWNSHIP

**RESOLUTION FOR
PETITION TO LOCATE, ESTABLISH AND CONSTRUCT A DRAIN**

GREEN ACRES DRAIN

At a _____ meeting of the Georgetown Charter Township Board, held in Ottawa County, State of Michigan on the ____ day of _____, 2016, at _____ a.m./p.m.

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____ and seconded by _____
_____.

WHEREAS, the Green Acres Drain is a proposed county drain to be located in Ottawa County, to be established pursuant to the Michigan Drain Code, Public Act 40 of 1956, as amended; and

WHEREAS, Georgetown Charter Township has determined that the locating, establishing and constructing of the Green Acres Drain is necessary for the public health of Georgetown Charter Township; and

WHEREAS, Georgetown Charter Township recognizes that it will be liable for an assessment at large against it for a percentage of the cost of the proposed Green Acres Drain.

NOW, THEREFORE BE IT RESOLVED THAT, the Georgetown Charter Township Board does authorize the filing of a petition to locate, establish and construct the Green Acres Drain.

BE IT FURTHER RESOLVED THAT the Supervisor/Manager is authorized to execute the petition to locate, establish and construct the Green Acres Drain.

BE IT FURTHER RESOLVED that the Clerk shall forward to the Ottawa County Water Resources Commissioner a copy of this Resolution for the petition to locate, establish and construct the Green Acres Drain.

ADOPTED: YEAS: _____

NAYS: _____

The Resolution was declared and adopted.

GEORGETOWN CHARTER TOWNSHIP

Dated: _____

By: Daniel Carlton
Its: Township Manager

As Authorized by its governing body on
_____, 2016.

Policy 2009-02
Georgetown Charter Township
Snowplowing of Sidewalks by the Township
Adopted August 24, 2009 with motion #090824-09

STATEMENT OF POLICY:

It is the policy of Georgetown Charter Township to snowplow sidewalks adjacent to certain streets as designated by the Georgetown Township Board as listed in this policy adopted by the Township Board on August 24, 2009.

IMPLEMENTATION

The list of sidewalks to be snowplowed may be amended from time to time by Township Board resolution.

CRITERIA

The sidewalks adjacent to the following streets are to be plowed by Georgetown Charter Township as stated in this policy:

- Baldwin St (from 48th Ave to Cottonwood Dr)
- Bauer Rd (from 24th Ave to 20th Ave and Meadowbrook Dr to Cottonwood Dr)
- Cottonwood Dr (from Bauer Rd to Baldwin St)
- Port Sheldon St (from 40th Ave to Center Industrial Dr and 14th Ave to 8th Ave)
- Rosewood St (from Rolling Hills Dr to Chicago Dr)
- 12th Ave (from Baldwin St to Port Sheldon St)
- 14th Ave (from Port Sheldon St to Carol Dr)
- 20th Ave (from Bauer Rd to Rosewood St)
- 28th Ave (from Baldwin St to Port Sheldon St)
- 40th Ave (from Baldwin St to Blair St)

RESERVATION

Although the Township may snowplow certain sidewalks, this policy **IN NO WAY** relieves the occupant or owner of any lot or premises adjoining any street within Georgetown Township of the responsibility to clear all ice and snow from sidewalks adjoining any street as stipulated in Sec. 10-220 of the Georgetown Township Code of Ordinances.

Georgetown Township Code of Ordinances:

Sec. 10-220. Sidewalks to be cleared.

The occupant of every lot or premises adjoining any street, or the owner of such lot or premises, if the same are not occupied, shall clear all ice and snow from sidewalks adjoining any street, or the owner of such lot or premises, if the same are not occupied, shall clear all ice and snow from sidewalks adjoining such lot or premises within the time herein required. When any snow or ice shall cease to fall during the daylight hours, such snow or ice shall be cleared from the sidewalks within 24 hours after such cessation. When a fall or snow or ice shall have ceased during the nighttime, it shall be cleared from sidewalks by 6:00 p.m. of the day following.

Sidewalk Ordinance:

ARTICLE X. SIDEWALKS

Sec. 10-211. Definitions.

Sec. 10-212. General construction requirements.

Sec. 10-213. Line and grade stakes.

Sec. 10-214. Sidewalk specifications.

Sec. 10-215. Suspension or revocation of permit; stop work orders.

Sec. 10-216. Construction by land owner; sidewalk locations.

Sec. 10-217. Construction by township.

Sec. 10-218. Reserved.

Sec. 10-219. Sidewalk repair.

Sec. 10-220. Sidewalks to be cleared.

Secs. 10-221—10-230. Reserved.

Sec. 10-211. Definitions.

When used in this article, the words defined in this section shall have the following meanings:

Administrator shall mean the township zoning administrator, or his designee.

Sidewalk shall mean the portion of the street right-of-way designed for pedestrian travel.

Sec. 10-212. General construction requirements.

No person shall construct, rebuild, or repair any sidewalk except in accordance with the line, grade, slope and specifications established by the zoning administrator.

Sec. 10-213. Line and grade stakes.

The landowner shall be responsible for making careful and accurate measurements in constructing the work to the lines furnished by the zoning administrator.

Sec. 10-214. Sidewalk specifications.

Sidewalks shall be constructed in accordance with specifications on file in the office of the zoning administrator, copies of which shall be available to the public.

Sec. 10-215. Suspension or revocation of permit; stop work orders.

The zoning administrator may suspend any permit issued under the terms of this article for failure to comply with the terms of this article or the rules, regulations, plans and specifications established under the provisions of this article for the construction, reconstruction or repair of any sidewalk. The zoning administrator may cause work to be stopped under any permit granted for the construction, reconstruction or repair of any sidewalk by issuing a stop order whenever in his judgment the provisions of this section are not complied with, and any such stop order shall be effective until the next regular meeting of the township board and if confirmed by the board at its next regular meeting, such stop order shall be permanent and shall constitute a revocation of the permit.

Sec. 10-216. Construction by land owner; sidewalk locations.

The township board has the authority (at its discretion) to order the installation and construction of sidewalks and/or non-motorized paths, pursuant to township sidewalk and/or non-motorized path specifications, in any area of the township it deems reasonably necessary in order to protect the health, safety or welfare of the residents of the township.

Concrete sidewalks shall be installed, constructed, and maintained adjacent to paved streets in all new residential developments given final plat approval after June 1, 2000, and all developments given site plan or planned unit development approval after June 1, 2000.

Non-motorized paths eight feet in width shall be installed, constructed with asphalt and maintained adjacent to paved streets in all new residential developments given final plat approval after January 1, 2006, and all developments given site plan or planned unit development approval after January 1, 2006, in place of sidewalks along the following streets:

- (a) 48th Avenue.
- (b) 36th Avenue from Baldwin Street to Fillmore Street.
- (c) 40th Avenue from Bauer Road to Fillmore Street.
- (d) Bauer Road from 36th Avenue to 48th Avenue.
- (e) Fillmore Street from 36th Avenue to 48th Avenue.

In all instances of plats given final plat approval after June 1, 2000, or other developments where sidewalks are required, the sidewalks and/or non-motorized paths shall be constructed by the property owner on all property within the plat or development adjacent to all paved streets no later than seven (7) years from the date of final plat approval or other approval of the development by the township whether or not construction has taken place on such property. Where a developer or property owner does not desire to construct and install a sidewalk or sidewalks pursuant to the initial construction or installation of improvements within the plat or development involved and has obtained township approval, the township shall have the authority to require that financial security be filed with the township (in the form of a cash deposit, bond, or irrevocable letter of credit, and in a form, amount, and from a financial institution deemed acceptable to the township) in an amount estimated by the township to be sufficient to cover the costs of installation of sidewalks in all portions of the plat or development plus reasonable incidental additional costs and expenses.

Existing commercial or industrial developments which receive substantial additions or improvements, defined as a construction cost of \$20,000.00 or more within a 12-month period, shall construct, install, and maintain township-approved concrete sidewalks.

Non-motorized paths eight feet in width shall be installed, constructed with asphalt and maintained adjacent to paved streets in place of sidewalks along the following streets:

- (a) 48th Avenue.
- (b) 36th Avenue from Baldwin Street to Fillmore Street.
- (c) 40th Avenue from Bauer Road to Fillmore Street.
- (d) Bauer Road from 36th Avenue to 48th Avenue.
- (e) Fillmore Street from 36th Avenue to 48th Avenue.

Sidewalks and/or non-motorized paths shall be shown on the site plans submitted to the township for approval and shall be constructed prior to the issuance of the occupancy permit.

All required sidewalk and non-motorized path construction herein shall be at the sole cost and responsibility of the owner of the property involved.

The following projects shall be exempt from such sidewalk requirements: all developments located in the AG and RR zoning districts except for those developments, projects, or uses within the AG or RR zoning districts which are of such a size or which will have such potential impacts that the township board deems it reasonably necessary that sidewalks shall be installed, constructed, and maintained in order to protect the health, safety, and welfare of the residents and property owners in the area; exterior cosmetic

alterations which do not increase the usable area or exterior limits of the building; interior alteration work; and projects which do not require the submission to and approval of a site plan by the township. The township board shall have the authority to waive the sidewalk and/or non-motorized path requirement (as well as sidewalk and/or non-motorized path construction standards) if, in the opinion of the township board, the requirement would result in significant unfairness or unreasonable hardship.

Sec. 10-217. Construction by township.

If the owner of any lot or premises shall fail to build any particular sidewalk within the time and in the manner required thereby, the zoning administrator is hereby authorized and required, immediately after the expiration of the time limited for the construction or rebuilding by the owner, cause such sidewalk to be constructed and the expense thereof shall be charged to such premises and the owner thereof, and collected as provided for single lot assessments.

Township Board Policy 2016-01
Georgetown Township Board Ordered Sidewalk and Non-Motorized Path Installation Policy
Adopted by the Township Board on _____ with motion _____

PURPOSE.

The purpose of this policy is to establish procedures for Township Board ordered installation of sidewalks or non-motorized paths.

STATEMENT OF POLICY.

The Georgetown Township Board adopted the Sidewalk Ordinance in 2000. The ordinance requires the installation of sidewalks or 8 foot non-motorized paths (along designated streets listed in the ordinance) for new development or developments which receive substantial additions or improvements. In addition, the ordinance gives the Board the authority to order the installation of sidewalks or paths on existing developments for the health, safety and welfare of the residents.

The ordinance further provides that any sidewalks or 8 foot non-motorized paths ordered by the Township Board to be constructed shall be as per the Township specifications and shall be at the sole cost and responsibility of the owner of the property adjacent to the required sidewalk.

At the July and August 2009 meetings, the Utilities Committee discussed and determined to proceed with ordering the installation and construction of sidewalks or paths as per the authority granted in the Sidewalk Ordinance, in areas of the township reasonably necessary to connect existing sidewalks in order to protect the health, safety or welfare of the residents of the township. **All sidewalk and non-motorized path construction ordered to be completed by the Township Board were to be at the sole cost and responsibility of the owner of the property adjacent to the required sidewalk or path.**

IMPLEMENTATION.

The Georgetown Township Superintendent is responsible to implement the procedures detailed herein after the Township Board has ordered the installation of sidewalks or non-motorized paths as per this policy.

PROCEDURES.

1. When the Township Board determines that sidewalks or non-motorized paths shall be installed in an area it deems reasonably necessary in order to protect the health, safety and welfare of the residents of the Township, the installation shall be ordered in concurrence with the ordinance relative to where sidewalks shall be installed and where non-motorized paths should be installed. In any area where sidewalks are required to be installed, the Township Board, at its discretion, may order the installation of non-motorized paths.
2. The cost for the sidewalk or non-motorized path shall be paid in the following manner:

Options:

- a. *Property owners may petition for a special assessment for the project.*
- b. *Property owners may petition for a special assessment for the project with the Township to pay a percentage.*
- c. *Property owner agrees to an assessment and hires an approved contractor who bills the Township and the Township collects the assessment from the property owner over a ten year period at 6% interest.*

- d. The Township installs the sidewalk and the property owner is billed at large (everyone pays; people who install their own pay twice).*
- e. Installation shall be by the property own at the sole cost of the property owner.*
- f. If the Township needs right-of-way on the street, the determined amount of right-of-way is deeded to the Township/Ottawa County Road Commission and the Township pays for the installation.*

EFFECTIVE DATE.

This policy shall become effective on October 1, 2015.